REPORT NUMBER 118-GTL-08-007

SAFETY COMPLIANCE TESTING FOR FMVSS NO. 118 POWER-OPERATED WINDOW, PARTITION AND ROOF PANEL SYSTEMS

HONDA OF AMERICA MFG., INC.
2008 HONDA ACCORD LX, PASSENGER CAR
NHTSA NO. C85306

GENERAL TESTING LABORATORIES, INC.
1623 LEEDSTOWN ROAD
COLONIAL BEACH, VIRGINIA 22443

OCTOBER 3, 2008

FINAL REPORT

PREPARED FOR

U. S. DEPARTMENT OF TRANSPORTATION
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
ENFORCEMENT
OFFICE OF VEHICLE SAFETY COMPLIANCE
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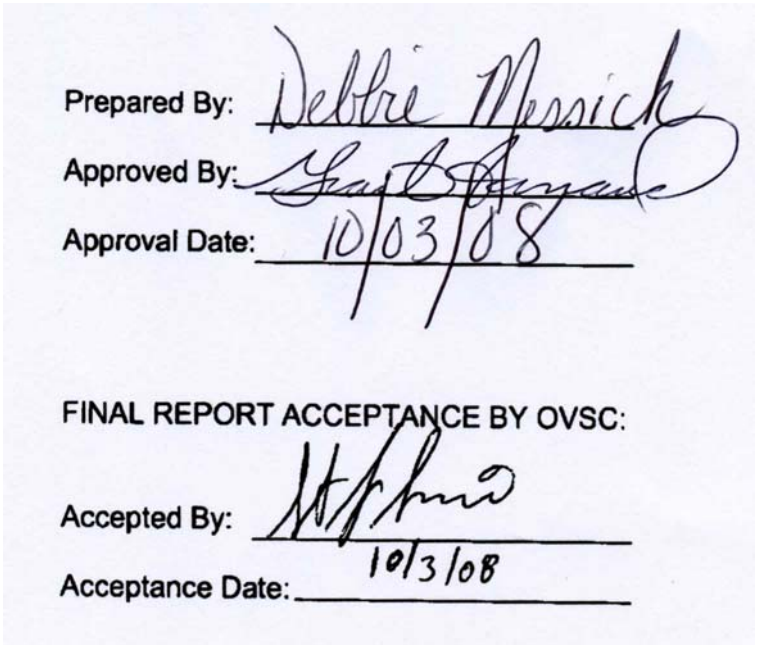

Technical Report Documentation Page

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12. Sponsoring Agency Name and Address U.S. Department of Transportation National Highway Traffic Safety Admin. Enforcement Office of Vehicle Safety Compliance (NVS-220) 1200 New Jersey Ave., S.E., Washington, DC 20590		13. Type of Report and Period Covered Final Test Report September 29, 2008 14. Sponsoring Agency Code NVS-221
15. Supplementary Notes		
16. Abstract Compliance tests were conducted on the subject 2008 Honda Accord Passenger Car in accordance with the specifications of the Office of Vehicle Safety Compliance Test Procedure No. TP-118-06 for the determination of FMVSS 118 compliance. Test failures identified were as follows: None		
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SECTION 1

PURPOSE OF COMPLIANCE TEST

1.0 PURPOSE OF TEST

A model year 2008 Honda Accord LX Passenger Car was subjected to Federal Motor Vehicle Safety Standard (FMVSS) No. 118 testing to determine if the vehicle was in compliance with the requirements of the standard. FMVSS 118 specifies requirements for power-operated window, partition, and roof panel systems to minimize the likelihood of death or injury from their accidental operation.

1.1 The test vehicle was a 2008 Honda Accord LX Passenger Car. The vehicle was identified as follows:

A. Vehicle Identification Number: 1HGCP26368A052441

B. NHTSA No.: C85306

C. Manufacturer: HONDA OF AMERICA MFG., INC.

D. Manufacture Date: 12/07

E. Color: Alabaster Silver

1.2 TEST DATE

The test vehicle was subjected to FMVSS No. 118 testing on September 29, 2008.

SECTION 2

TEST PROCEDURE AND SUMMARY OF RESULTS

2.0 TEST PROCEDURE

All tests were conducted in accordance with NHTSA, Office of Vehicle Safety Compliance (OVSC) Laboratory Procedure TP-118-06 dated 12 April 2006 and General Testing Laboratories, Inc. (GTL) Test Procedure, TP-118-03A, “Power Operated Window, Partition and Roof Panel Systems”.

FMVSS 118 Compliance Testing was performed in the following sequence:

A. Test Vehicle Identification/Documentation
B. Power Window, partition and roof panel identification/documentation
C. Interior, exterior and remote control switch identification/documentation
D. Pre-test operation of all power windows, partitions and roof panels
E. Photograph vehicle and interior, exterior and remote control devices
F. Perform Interior Locking System Off Test
G. Perform Interior Locking System with Key Removed Test
H. Perform Exterior Locking System Test
I. Perform Remote Actuation Device Test
J. Perform Occupant Compartment Actuation Device Test(Sphere Test/Pull up or Pull Out Test)
K. Perform Automatic Reversal System Test

Above tests J and K were performed for information purposes only.

2.1 SUMMARY OF RESULTS

The power window operational test resulted in no anomalies being noted. Test data indicate the FMVSS 118 requirements appear to have been satisfied. All test data resulting from the tests were recorded on test data sheets in Section 3.

SECTION 3

TEST DATA

3.0 TEST RESULTS

The following data sheets document the results of FMVSS 118 testing on the 2008 Honda Accord LX.

FMVSS 118
COMPLIANCE DATA SUMMARY SHEET

VEHICLE MAKE/MODEL/BODY STYLE: 2008 HONDA ACCORD LX

VEHICLE NHTSA NO: C85306 VIN: 1HGCP26368A052441

VEHICLE TYPE: PASSENGER CAR DATE OF MANUFACTURE: 12/07

LABORATORY: GENERAL TESTING LABORATORIES TEST DATE: 09/29/08

REQUIREMENT	PASS	FAIL	N/A
S4 Interior Locking system in Off Position(s)	X		
S4 Interior Locking System with Key Removed	X		
S4 Exterior Locking System	X		
S4 Remote Actuation Device	X		
S6 Occupant Compartment Actuation Devices (Sphere Test/Pull Up or Pull Out Test)	X*		
S5 Automatic Reversal System	X*		

REMARKS: * Compliance not required

RECORDED BY: G. Farrand DATE: 09/29/08

APPROVED BY: D. Messick

WPRP PRE-OPERATIONAL CHECK

VEHICLE MAKE/MODEL/BODY STYLE: 2008 HONDA ACCORD LX

VEHICLE NHTSA NO: C85306 VIN: 1HGCP26368A052441

VEHICLE TYPE: PASSENGER CAR DATE OF MANUFACTURE: 12/07

LABORATORY: GENERAL TESTING LABORATORIES TEST DATE: 09/29/08

Identify power-operated WPRP and WPRP actuation devices

	LEFT FRONT	LEFT REAR	RIGHT FRONT	RIGHT REAR	TAIL GATE	LEFT VENT	RIGHT VENT	ROOF PANEL
Power WPRP Installed	X	X	X	X				
Individual Interior Actuation Devices	X	X	X	X				
Master Control Panel Actuation Devices	X							
WPRP Operated by Exterior Locking System	X	X	X	X				
WPRP Operated by Remote Control	X	X	X	X				
WPRP with Auto-Reverse Capability	X							
WPRP with Express-Up Capability	X							

Master Control Panel Location: DRIVER'S DOOR PANEL

Exterior Locking System Location: DRIVER'S DOOR

Remote Control Type: ( ) Line of Sight (X) Non-line of Sight

WPRP Actuation Device Design (Toggle, Rocker, Push/Pull (Lever) or describe other):

Master Control Panel Push/Pull
Individual Window Push/Pull
Roof Panel
Vents

Interior Locking System Key Positions (clockwise): LOCK, ACC, ON, START

All WPRP open/close cycles are satisfactory with key in "ON" position:
(X) YES ( ) NO

All WPRP open/close cycles are satisfactory with key in "ACCESSORY" position:
(X) YES ( ) Not Applicable –No power to WPRP's

REMARKS:

RECORDED BY: G. Farrand DATE: 09/29/08
APPROVED BY: D. Messick

DATA SHEET 1
INTERIOR LOCKING SYSTEM TEST

VEHICLE MAKE/MODEL/BODY STYLE: 2008 HONDA ACCORD LX

VEHICLE NHTSA NO: C85306 VIN: 1HGCP26368A052441

VEHICLE TYPE: PASSENGER CAR DATE OF MANUFACTURE: 12/07

LABORATORY: GENERAL TESTING LABORATORIES TEST DATE: 09/29/08

Key lock position at start of test execution: (X) ON ( ) ACCESSORY, Then to:
Key lock off position during test execution: (X) LOCK (X) OFF ( ) ACCESSORY

ACTUATION DEVICES	DOORS CLOSED		LEFT DOOR OPEN		RIGHT DOOR OPEN		PASS/ FAIL
	INOP.	OPER.	INOP.	OPER.	INOP.	OPER.	
MASTER CONTROL PANEL ACTUATION DEVICES							
Left Front (LF)		X	X		X		P
Right Front (RF)		X	X		X		P
Left Rear (LR)		X	X		X		P
Right Rear (RR)		X	X		X		P
Tail Gate (TG)							
Vents							
Roof Panel (RP)							
INDIVIDUAL ACTUATION DEVICES							
Left Front (LF)		X	X		X		P
Right Front (RF)		X	X		X		P
Left Rear (LR)		X	X		X		P
Right Rear (RR)		X	X		X		P
Tail Gate (TG)							
Vents							
Roof Panel (RP)							

REMARKS:

RECORDED BY: G. Farrand DATE: 09/29/08

APPROVED BY: D. Messick

DATA SHEET 2
INTERIOR LOCKING SYSTEM WITH KEY REMOVED TEST

VEHICLE MAKE/MODEL/BODY STYLE: 2008 HONDA ACCORD LX

VEHICLE NHTSA NO: C85306 VIN: 1HGCP26368A052441

VEHICLE TYPE: PASSENGER CAR DATE OF MANUFACTURE: 12/07

LABORATORY: GENERAL TESTING LABORATORIES TEST DATE: 09/29/08

Key lock position at start of test execution: (X) ON ( ) ACCESSORY, Then to:
Key lock off position during test execution: (X) LOCK ( ) OFF ( ) ACCESSORY

ACTUATION DEVICES	DOORS CLOSED		LEFT DOOR OPEN		RIGHT DOOR OPEN		PASS/ FAIL
	INOP.	OPER.	INOP.	OPER.	INOP.	OPER.	
MASTER CONTROL PANEL ACTUATION DEVICES							
Left Front (LF)		X	X		X		P
Right Front (RF)		X	X		X		P
Left Rear (LR)		X	X		X		P
Right Rear (RR)		X	X		X		P
Tail Gate (TG)							
Vents							
Roof Panel (RP)							
INDIVIDUAL ACTUATION DEVICES							
Left Front (LF)		X	X		X		P
Right Front (RF)		X	X		X		P
Left Rear (LR)		X	X		X		P
Right Rear (RR)		X	X		X		P
Tail Gate (TG)							
Vents							
Roof Panel (RP)							

REMARKS:

RECORDED BY: G. Farrand DATE: 09/29/08

APPROVED BY: D. Messick

DATA SHEET 3
EXTERIOR LOCKING SYSTEM TEST

VEHICLE MAKE/MODEL/BODY STYLE: 2008 HONDA ACCORD LX

VEHICLE NHTSA NO: C85306 VIN: 1HGCP26368A052441

VEHICLE TYPE: PASSENGER CAR DATE OF MANUFACTURE: 12/07

LABORATORY: GENERAL TESTING LABORATORIES TEST DATE: 09/29/08

Is vehicle equipped with an exterior locking system that can close any of the power windows, partitions or roof panels? (X) YES ( ) NO

Location of exterior locking system: Driver's Door

Describe how the exterior locking system is activated: Turn door lock to lock position twice and hold to close window. Turn door lock to unlock position twice and hold to open windows.

Identify the windows, partitions or roof panels that can be closed by the exterior locking system. Also, in each case, identify whether continuous activation of the locking system is required.

WINDOW, PARTITION AND ROOF PANEL IDENTIFICATION	EXTERIOR LOCKING SYSTEM		EXTERIOR LOCKING SYSTEM (PASS/FAIL)*
	OPERABLE (YES/NO)	CONTINUOUS ACTIVATION REQUIRED (YES/NO)	
LEFT FRONT (LF)	YES	YES	P
RIGHT FRONT (RF)	YES	YES	P
LEFT REAR (LR)	YES	YES	P
RIGHT REAR (RR)	YES	YES	P
VENT WINDOW(s)			
PARTITION (P)			
ROOF PANEL (RP)			
TAIL GATE (TG)			

*NOTE: Continuous Activation of the locking system is required for each WPRP to pass the exterior locking system safety standard requirement.

RECORDED BY: G. Farrand DATE: 09/29/08

APPROVED BY: D. Messick

DATA SHEET 4
EXTERIOR LOCKING SYSTEM TEST

VEHICLE MAKE/MODEL/BODY STYLE: 2008 HONDA ACCORD LX

VEHICLE NHTSA NO: C85306 VIN: 1HGCP26368A052441

VEHICLE TYPE: PASSENGER CAR DATE OF MANUFACTURE: 12/07

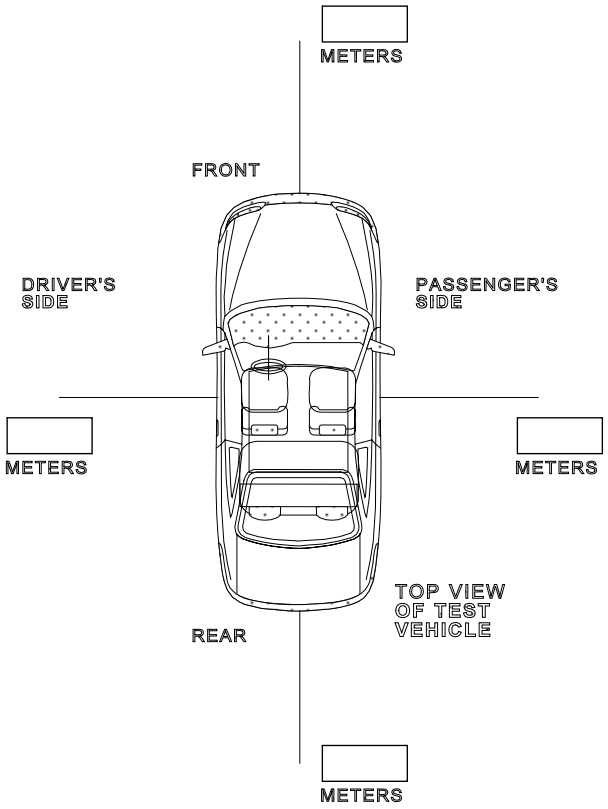
LABORATORY: GENERAL TESTING LABORATORIES TEST DATE: 09/29/08

Type of remote actuation device installed on vehicle (check one):

(X) Non Line-of-Site ( ) Line-of-Site

Measured Range of Operation:

Record the maximum operating distance of the remote actuation device in the boxes below. The range of operation shall not exceed six meters for a **Non Line-of-Site Device** or eleven meters for a **Line-of-Site Device** in any measured direction and continuous activation of the remote actuation device is required until all operable windows, partitions or roof panels are completely closed. Pass/Fail N/A



Denote places on the vehicle where signals from the remote device are received. Add directions and distances to other places where remote device does not comply.

REMARKS: Remote will only open windows. (Does not close windows)

RECORDED BY: G. Farrand DATE: 09/29/08

APPROVED BY: D. Messick

DATA SHEET 5
OCCUPANT COMPARTMENT ACTUATION DEVICE TEST
SPHERE TEST

VEHICLE MAKE/MODEL/BODY STYLE: 2008 HONDA ACCORD LX
VEHICLE NHTSA NO: C85306 VIN: 1HGCP26368A052441
VEHICLE TYPE: PASSENGER CAR DATE OF MANUFACTURE: 12/07
LABORATORY: GENERAL TESTING LABORATORIES TEST DATE: 09/29/08

ACTUATION DEVICES	APPLICABLE (YES/NO*)	SPHERE ACTIVATED ACTUATION DEVICE CLOSES WPRP (YES/NO)	TEST RESULT PASS/FAIL	COMPLIANCE REQUIRED (Y/N**)
MASTER CONTROL PANEL ACTUATION DEVICES				
Left Front (LF)	Yes	No	Pass	No
Right Front (RF)	Yes	No	Pass	No
Left Rear (LR)	Yes	No	Pass	No
Right Rear (RR)	Yes	No	Pass	No
Tail Gate (TG)				
Vent Window(s)				
Partition (P)				
Roof Panel (RP)				
INDIVIDUAL ACTUATION DEVICES				
Left Front (LF)	Yes	No	Pass	No
Right Front (RF)	Yes	No	Pass	No
Left Rear (LR)	Yes	No	Pass	No
Right Rear (RR)	Yes	No	Pass	No
Tail Gate (TG)				
Vent Window (s)				
Partition(P)				
Roof Panel (RP)				

*This requirement does not apply to actuation devices that are mounted in a vehicle's roof, headliner, or overhead console and that can close a window, partition, or roof panel only by continuous rather than momentary switch actuation or actuation devices that comply with the reversing requirement of FMVSS 118, S5.
** Requirement is effective 1 October 2008. Early compliance is voluntary and test results are used for information only.

RECORDED BY: G. Farrand DATE: 09/29/08
APPROVED BY: D. Messick

DATA SHEET 6
OCCUPANT COMPARTMENT ACTUATION DEVICE TEST
FOR POWER-OPERATED WINDOWS ONLY
PULL UP OR PULL OUT TEST

VEHICLE MAKE/MODEL/BODY STYLE: 2008 HONDA ACCORD LX
VEHICLE NHTSA NO: C85306 VIN: 1HGCP26368A052441
VEHICLE TYPE: PASSENGER CAR DATE OF MANUFACTURE: 12/07
LABORATORY: GENERAL TESTING LABORATORIES TEST DATE: 09/29/08

ACTUATION DEVICES	SWITCH ORIENTATION A – horizontal B – vertical C - angled	CLOSES POWER-OPERATED WINDOW ONLY IF: PULL UP OR PULL OUT	TEST RESULT PASS/FAIL	COMPLIANCE REQUIRED (Y/N**)
MASTER CONTROL PANEL ACTUATION DEVICES				
Left Front (LF)	A	Pull Up	Pass	No
Right Front (RF)	A	Pull Up	Pass	No
Left Rear (LR)	A	Pull Up	Pass	No
Right Rear (RR)	A	Pull Up	Pass	No
Vent Window(s)				
INDIVIDUAL ACTUATION DEVICES				
Left Front (LF)	A	Pull Up	Pass	No
Right Front (RF)	A	Pull Up	Pass	No
Left Rear (LR)	A	Pull Up	Pass	No
Right Rear (RR)	A	Pull Up	Pass	No
Vent Window(s)				

** Requirement is effective 1 October 2008. Early compliance is voluntary and test results are used for information only.

RECORDED BY: G. Farrand DATE: 09/29/08
APPROVED BY: D. Messick

DATA SHEET 7
WPRP PHYSICAL CONTACT REVERSAL CAPABILITY

VEHICLE MAKE/MODEL/BODY STYLE: 2008 HONDA ACCORD LX
VEHICLE NHTSA NO: C85306 VIN: 1HGCP26368A052441
VEHICLE TYPE: PASSENGER CAR DATE OF MANUFACTURE: 12/07
LABORATORY: GENERAL TESTING LABORATORIES TEST DATE: 09/29/08

Window, Partition, Roof Panel	Test Rod Placement In Window, Partition or Roof Panel	Test Rod Size (mm)	Window, Partition or Roof Panel Opening Before/After Closing (mm)	Maximum Force Measured on Test Rod (Newtons)	Window, Partition or Roof Panel Reversing Distance (mm)	Pass/Fail *
L.F	AFT	50	255 / 325	113	70	**

*WPRP must reverse direction before contacting or exerting a squeezing force of 100 Newtons. Upon such reversal, the WPRP must open to one of the following positions.

A. A position that is at least as open as the position at the time closing was initiated.
B. A position that is not less than 125 mm more open than the position at the time the window reversed direction, or
C. A position that permits a semi-rigid cylindrical rod that is 200 mm in diameter to be placed through the opening at the same location as the test rod.

REMARKS: **Not required to meet reversal requirements. This test was performed only to gather data.

RECORDED BY: G. Farrand DATE: 09/29/08
APPROVED BY: D. Messick

SECTION 4
TEST EQUIPMENT LIST

VEHICLE MAKE/MODEL/BODY STYLE: 2008 HONDA ACCORD LX
VEHICLE NHTSA NO: C85306 VIN: 1HGCP26368A052441
VEHICLE TYPE: PASSENGER CAR DATE OF MANUFACTURE: 12/07
LABORATORY: GENERAL TESTING LABORATORIES TEST DATE: 09/29/08

ITEM	MFR	MODEL	S/N	CAL. PERIOD	DATE OF LAST CALIB.	REMARKS
SLR DIGITAL CAMERA	NIKON	D50	N/A	N/A	N/A	
PINCH FORCE SENSOR	SENSOR DEVELOPMENTS, INC.	10293	179104	12 MO.	06/08	

REMARKS:

RECORDED BY: G. FARRAND DATE: 09/29/08

APPROVED BY: D. MESSICK

SECTION 5

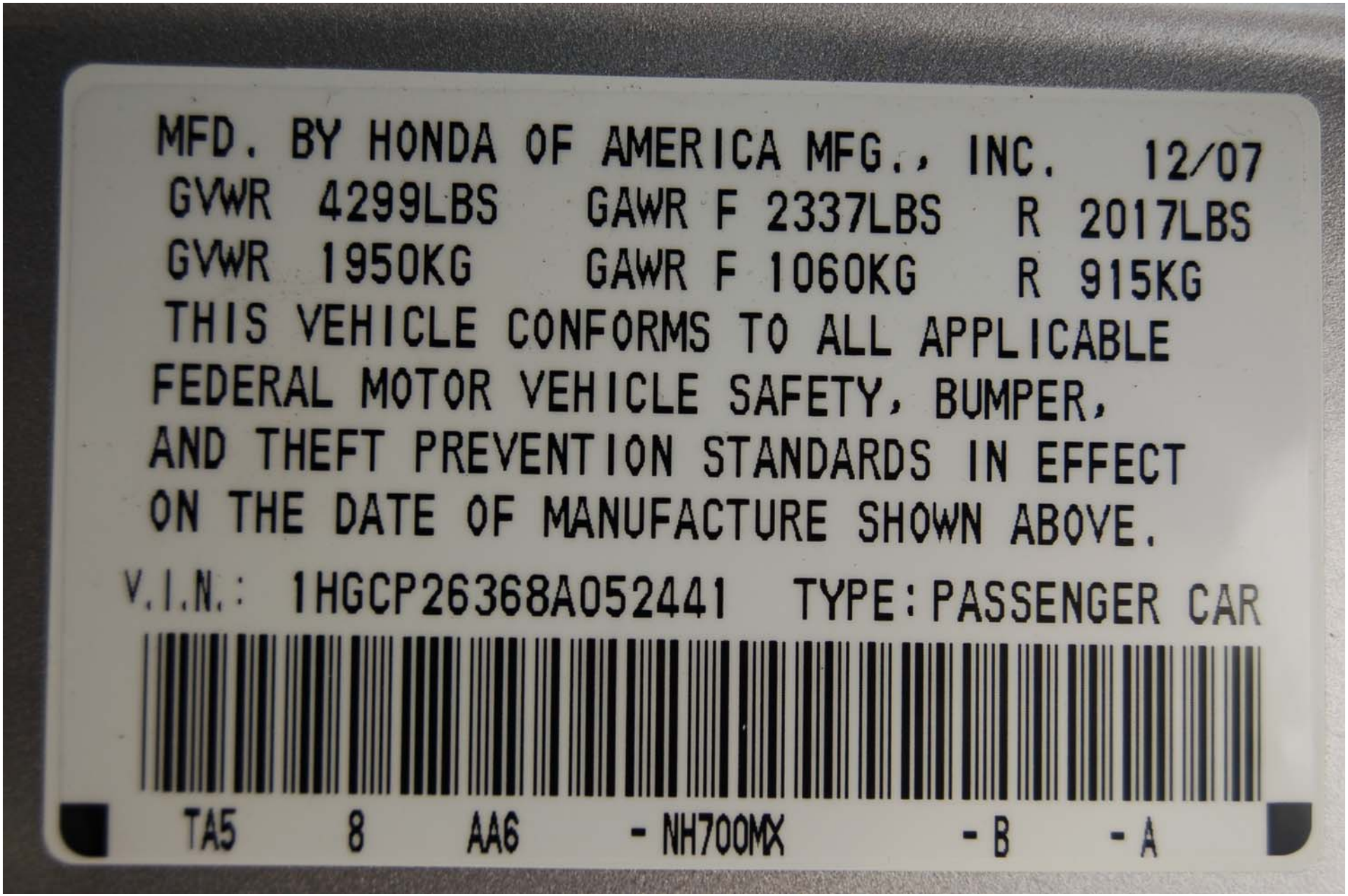
PHOTOGRAPHS

2008 HONDA ACCORD
NHTSA NO. C85306
FMVSS NO. 118

FIGURE 5.1
¾ FRONTAL VIEW FROM RIGHT SIDE OF VEHICLE

2008 HONDA ACCORD
NHTSA NO. C85306
FMVSS NO. 118

FIGURE 5.2
¾ REAR VIEW FROM LEFT SIDE OF VEHICLE



2008 HONDA ACCORD
NHTSA NO. C85306
FMVSS NO. 118

FIGURE 5.3
CLOSE-UP VIEW OF VEHICLE CERTIFICATION LABEL

2008 HONDA ACCORD
NHTSA NO. C85306
FMVSS NO. 118

FIGURE 5.4
CLOSE-UP VIEW OF TIRE INFORMATION LABEL

2008 HONDA ACCORD
NHTSA NO. C85306
FMVSS NO. 118

FIGURE 5.5
CLOSE-UP VIEW OF VEHICLE IGNITION SWITCH

2008 HONDA ACCORD
NHTSA NO. C85306
FMVSS NO. 118

FIGURE 5.6
CLOSE-UP VIEW OF LEFT FRONT POWER WINDOW SWITCH

2008 HONDA ACCORD
NHTSA NO. C85306
FMVSS NO. 118

FIGURE 5.7
CLOSE-UP VIEW OF RIGHT FRONT POWER WINDOW SWITCH

2008 HONDA ACCORD
NHTSA NO. C85306
FMVSS NO. 118

FIGURE 5.8
CLOSE-UP VIEW OF LEFT REAR POWER WINDOW SWITCH

2008 HONDA ACCORD
NHTSA NO. C85306
FMVSS NO. 118

FIGURE 5.9
CLOSE-UP VIEW OF RIGHT REAR POWER WINDOW SWITCH

2008 HONDA ACCORD
NHTSA NO. C85306
FMVSS NO. 118

FIGURE 5.10
CLOSE-UP VIEW OF POWER WINDOW MASTER SWITCH

2008 HONDA ACCORD
NHTSA NO. C85306
FMVSS NO. 118

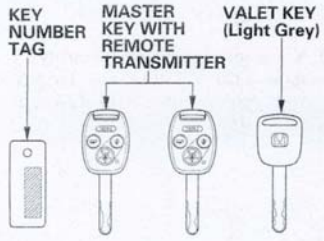
FIGURE 5.11
TYPICAL SWITCH/SPHERE TEST SET-UP

2008 HONDA ACCORD
NHTSA NO. C85306
FMVSS NO. 118

FIGURE 5.12
TYPICAL FORCE/DEFLECTION TEST SET-UP

SECTION 6
OWNER'S MANUAL INFORMATION

Keys and Locks



The master key fits all the locks on your vehicle. The valet key works only in the ignition and the driver's door lock. You can keep the trunk release handle, rear seat trunk access, and glove box locked when you leave your vehicle and the valet key at a parking facility.

You should have received a key number tag with your keys. You will need this key number if you ever have to get a lost key replaced. Use only Honda-approved key blanks.

These keys contain electronic circuits that are activated by the immobilizer system. They will not work to start the engine if the circuits are damaged.

- Protect the keys from direct sunlight, high temperature, and high humidity.
- Do not drop the keys or set heavy objects on them.
- Keep the keys away from liquids. If they get wet, dry them immediately with a soft cloth.

The valet key does not contain a battery. Do not try to take it apart.

Immobilizer System

The immobilizer system protects your vehicle from theft. If an improperly-coded key (or other device) is used, the engine's fuel system is disabled.

When you turn the ignition switch to the ON (II) position, the immobilizer system indicator should come on briefly, then go off. If the indicator starts to blink, it means the system does not recognize the coding of the key. Turn the ignition switch to the LOCK (0) position, remove the key, reinsert it, and turn the ignition switch to the ON (II) position again.

The system may not recognize your key's coding if another immobilizer key or other metal object (i.e. key chain) is near the ignition switch when you insert the key.

If the system repeatedly does not recognize the coding of your key, contact your dealer.

Do not attempt to alter this system or add other devices to it. Electrical problems could result that may make your vehicle undrivable.

If you lose your key and you cannot start the engine, contact your dealer.

NOTICE

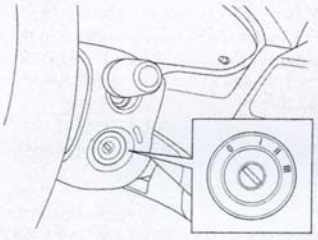
Always take the ignition key with you whenever you leave the vehicle alone.

As required by the FCC:
This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Industry Canada Standard RSS-210.
Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference that may cause undesired operation of the device.

Ignition Switch



The ignition switch has four positions: LOCK (0), ACCESSORY (I), ON (II), START (III)

LOCK (0) – You can insert or remove the key only in this position. To turn the key, push it in slightly. If your vehicle has an automatic transmission, the shift lever must also be in Park.

If the front wheels are turned, the anti-theft lock may make it difficult to turn the key. Firmly turn the steering wheel to the left or right as you turn the key.

ACCESSORY (I) – You can operate the audio system and the accessory power sockets in this position.

ON (II) – This is the normal key position when driving. Several of the indicators on the instrument panel come on as a test when you turn the ignition switch from the ACCESSORY (I) to the ON (II) position.

START (III) – Use this position only to start the engine. The switch returns to the ON (II) position when you let go of the key.

You will hear a reminder beeper if you leave the key in the ignition switch in the LOCK (0) or the ACCESSORY (I) position and open the driver's door. Remove the key to turn off the beeper.

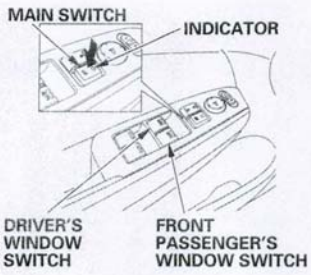
If your vehicle has an automatic transmission, the shift lever must be in Park before you can remove the key from the ignition switch.

⚠WARNING

Removing the key from the ignition switch while driving locks the steering. This can cause you to lose control of the vehicle.

Remove the key from the ignition switch only when parked.

Power Windows



Turn the ignition switch to the ON (II) position to raise or lower any window. To open a window, push the switch down and hold it. Release the switch when you want the window to stop. Pull back on the switch and hold it to close the window.

⚠WARNING

Closing a power window on someone's hands or fingers can cause serious injury.

Make sure your passengers are away from the windows before closing them.

AUTO – To open either front window fully (driver's window only on LX), push the window switch firmly down to the second detent, then release it. The window automatically goes down all the way. To stop the window from going all the way down, pull back on the window switch briefly.

To close either front window fully (driver's window only on LX), pull back the window switch firmly to the second detent, then release it. The window automatically goes all the way up. To stop the window from going all the way up, push down on the window switch briefly.

CONTINUED

When you push the main switch in, the indicator comes on and the passengers' windows cannot be raised or lowered. Use the main switch when you have children in the vehicle so they do not injure themselves by operating the windows unintentionally. To cancel this feature, push on the switch again. The switch will pop out and the indicator will go off.

The windows and the main switch feature will operate for up to 10 minutes after you turn off the ignition switch. Opening either front door cancels this function.

The indicators inside the window switches come on when the light control switch is in either ≡DC or ≡D position with the ignition switch in the ON (II) position (driver's window switch only on LX).

AUTO REVERSE – If either front window (driver's window only on LX) senses any obstacle while it is closing automatically, it will reverse direction, and then stop. To close the window, remove the obstacle, then use the window switch again.

Auto reverse stops sensing when the window is almost closed. You should always check that all passengers and objects are away from the window before closing it.

NOTE: Only on the driver's window, the auto reverse function is disabled when you continuously pull up the switch.

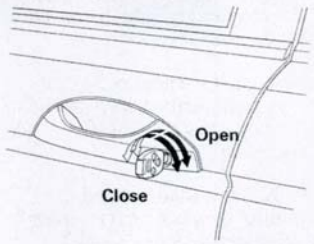
Opening the Windows and Moonroof with the Remote Transmitter

You can open all of the windows and the moonroof (if equipped) from the outside with the remote transmitter.

1. Press the UNLOCK button once to unlock the driver's door.
2. Press the UNLOCK button a second time, and hold it. The remaining doors unlock, and all four windows and the moonroof start to open. To stop the windows and moonroof, release the button.
3. To open the windows and moonroof further, press the button again (within 10 seconds of step 1) and hold it. If the windows and the moonroof stop before the desired position, repeat steps 1 and 2.

You cannot close the windows or the moonroof with the remote transmitter.

Opening/Closing the Windows and Moonroof with the Key



You can open and close the windows and the moonroof (if equipped) with the key in the driver's door lock.

To open:
1. Insert the key in the driver's door lock.
2. Turn the key clockwise, then release it.

CONTINUED

3. Turn the key clockwise again, and hold it. All four windows and the moonroof start to open. To stop the windows and the moonroof, release the key.

4. To open the windows and the moonroof further, turn and hold the key again (within 10 seconds of step 2).

NOTE: If the windows and the moonroof stop before the desired position, repeat steps 2 and 3.

To close:

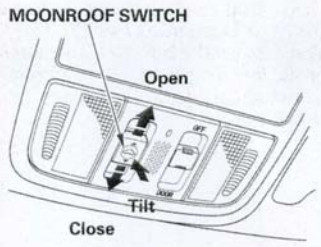
1. Insert the key in the driver's door lock.

2. Turn the key counterclockwise, then release it.

3. Turn the key counterclockwise again, and hold it. All four windows and the moonroof start to close. To stop the windows and the moonroof, release the key.

4. To close the windows and the moonroof further, turn and hold the key again (within 10 seconds of step 2).

NOTE: If the windows and the moonroof stop before the desired position, repeat steps 2 and 3.



If equipped

The moonroof can be tilted up in the back for ventilation, or it can be slid back into the roof. Use the switch on the front ceiling to operate the moonroof. You must turn the ignition switch to the ON (II) position to operate the moonroof.

To tilt up the moonroof, push on the center of the moonroof switch. To stop the moonroof from tilting up fully, push the switch briefly.

To open the moonroof, pull back on the switch and hold it. Release the switch when the moonroof reaches the desired position. To close the moonroof, push the switch forward and hold it. Release the switch to stop the operation.

⚠WARNING

Opening or closing the moonroof on someone's hands or fingers can cause serious injury.

Make sure all hands and fingers are clear of the moonroof before opening or closing it.

AUTO – To open the moonroof fully, pull back the moonroof switch firmly, then release it. The moonroof automatically opens all the way. To stop the moonroof from opening, push the switch briefly.

To close the moonroof fully, firmly push the moonroof switch forward, then release it. The moonroof automatically closes all the way. To stop the moonroof from closing, push the switch briefly.

To open or close the moonroof partially, lightly pull the switch back or push it forward and hold it. The moonroof will stop when you release the switch.

CONTINUED

Auto Reverse
If the moonroof runs into any obstacle while it is closing automatically, it will reverse direction, and then stop. To close the moonroof, remove the obstacle, then use the moonroof switch again.

Auto reverse stops sensing when the moonroof is almost closed. You should always check that all passengers and objects are away from the moonroof before closing it.

You can open and close the moonroof for up to 10 minutes after you turn off the ignition switch. Opening either front door cancels this function.

NOTICE

If you try to open the moonroof in below-freezing temperatures, or when it is covered with snow or ice, you can damage the moonroof panel or its motor.

Operating the Moonroof with the Remote Transmitter or the Key
You can use the remote transmitter or the key to operate the moonroof from the outside. Refer to page 105 for details.